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Archive Number 20021115.5815

Published Date 15-NOV-2002

Subject PRO/AH/EDR> West Nile virus, reptiles, alligators - USA (FL) (02)

WEST NILE VIRUS, REPTILES, ALLIGATORS - USA (FL) (02)

A ProMED-mail post

<<http://www.promedmail.org>>

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International Society for Infectious Diseases

<<http://www.isid.org>>

Date: Thu 14 Nov 2002

From: University of Florida, College of Veterinary Medicine

Evidence for West Nile virus infection in alligators

Multiple agencies were involved in the diagnosis of West Nile viral
infection in 3 alligators from central Florida.

Necropsy and histologic changes -- University of Florida, College of
Veterinary Medicine.

Positive immunohistochemistry on brain sections -- University of Florida,
College of Veterinary Medicine.

Positive polymerase chain reaction (PCR) results on one brain and one
spinal cord from two animals -- Florida Department of Health.

PCR on multiple tissues of all animals -- Centers for Disease Control and
Prevention.

Viral isolation (multiple tissues, all animals) -- Florida Department of
Health.

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University of Florida
College of Veterinary Medicine
Gainesville, FL 32611-0880

[ProMED-mail appreciates this prompt and comprehensive response to the
request for further information. - Mod.CP]

[2]

Date: Thu 14 Nov 2002

From: "Wheeler, Alan" <Alan.Wheeler@gov.ky>

Question

What about the possibility that these alligators are eating infected birds
and there is no mosquito involved in the transmission of the virus to
alligators?

--

Wheeler, Alan
<Alan.Wheeler@gov.ky>

[The possibilities seem endless; transmission by nibbling WNV infected humans, swallowing infected mosquitoes, etc. Anyone willing to hazard an informed opinion? - Mod.CP]

[see also:
West Nile virus, reptiles, alligators - USA (FL) [20021114.5797](#)]

.....cp/sh

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